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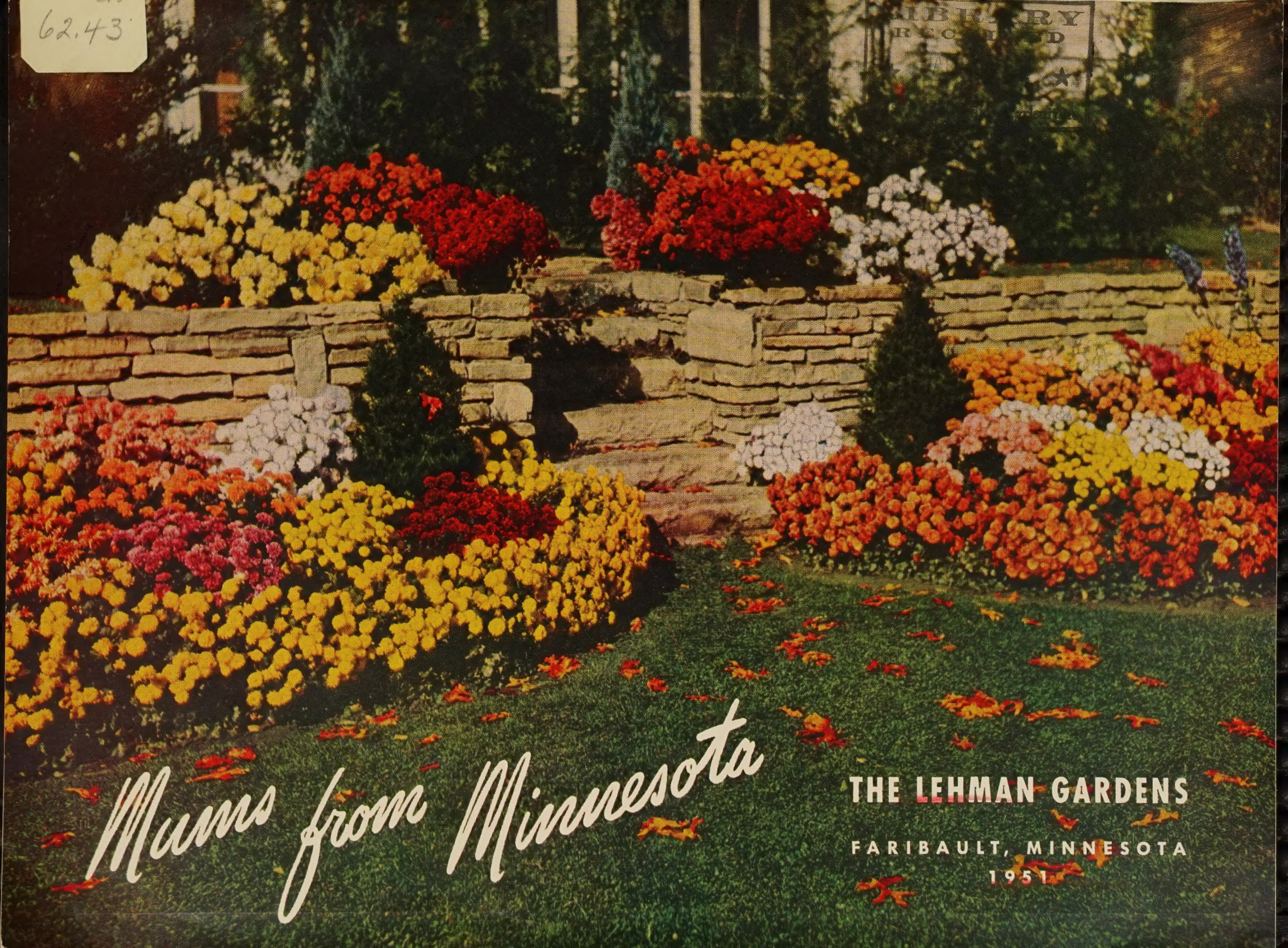
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*Mums from Minnesota*

THE LEHMAN GARDENS

FARIBAUT, MINNESOTA

1951



# Introducing THE NEW 1951 MODELS OF THE GRAND CHAMPIONS

(CHICAGO STRAIN)

See page 22 for complete descriptions



**LEE POWELL.** 75c each; 3 for \$2.00

**AZTEC GOLD.** Large domed yellow. 75c each.  
**CHORALE.** Pink lightening to white. 75c each.  
**GOLDEN GOPHER.** Sturdy bright orange. 75c each.  
**HOLIDAY.** Large bronze-gold. 75c each.  
**LEE POWELL.** Big fluffy yellow. 75c each.  
**MING.** Bright yellow-orange. 75c each.  
**NINA.** Pleasing Persian rose. 75c each.  
**PINK OPAL.** Rose overlaid cream. 75c each.  
**ROYAL ROBE.** Bluish beetroot-purple. 75c each.  
**TALISMAN.** Peach button pompon. 75c each.



**MING.** 75c each; 3 for \$2.00



**HOLIDAY.** 75c each; 3 for \$2.00

*Special Offer  
of 1951*

**GRAND  
CHAMPIONS**

There has never been a selection of such high-quality introductions in a single year. Plant them with the assurance that you plant the best.

**10 Sure-to-Bloom Plants (1 of each) \$7.00**

**30 Plants (3 of each) \$20.00**



# Mums from Minnesota

## The Hardy Mum Headquarters of the Nation

In these days of higher prices, we believe our Hardy Mums, grown from virgin cuttings and well established in 2½-inch pots, are the most practical and economical to buy. These plants are completely guaranteed to be disease and insect free, true to name and sure-to-bloom. Our lower prices are due to mass-production growing (over a half million plants grown each year) and an assembly-line shipping system.

**WE SPECIALIZE.** We grow only Hardy Mums and grow them well. Our very modern establishment is located in Southern Minnesota and has been built especially for the growing of better Hardy Mums.

Dependable blooming dates, descriptions and growth data are re-

corded each year and are from actual observations in our own test gardens. This enables us to offer only the newest and most dependable varieties.

Experience has helped us to set up one of the finest packing systems in the country. Many of our plants have been shipped to foreign countries and arrived fresh and moist. Our highly skilled packers have had many fine letters saying that the plants came through looking as fresh as when they were packed.

You can be sure of better-grown, better-packed and sure-to-bloom Mums when you order from us.

Plants will be ready and available from February 15 to June 1.

D., Double; SD., Semi-double; S., Single

Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
<b>Alert.</b> D. (Becker.) Exceptionally fine. Large, early, dark purple. One of the best.	22	Sept. 20	\$0.60	\$1.50
<b>Allegro.</b> D. (De Petris.) Pictured p. 14. Glowing shrimp-pink with coppery salmon sheen.	22	Oct. 7	.50	1.25
<b>Amber Glow.</b> D. (Youdath.) Brilliant rosy bronze, brighter than Mrs. du Pont.	24	Oct. 6	.50	1.25
<b>Apricot Glow.</b> D. (Bristol.) Pictured p. 11. Rich bright apricot-orange. A summer-flowering cushion type.	17	Sept. 11	.50	1.25
<b>Apricot Spoon.</b> S. (Lehman.) A pleasingly different, frost-resistant spoon with tubes of apricot-bronze and spoons of apricot-rose.	26	Oct. 14	.60	1.50
<b>Argonne.</b> D. (De Petris.) Pictured p. 14. A full, rounded button pompon of rich amaranth-purple.	22	Oct. 5	.50	1.25
<b>Autumn Beauty.</b> D. (Wallie's Gdns.) A new brilliant sparkling reddish chestnut.	15	Sept. 4	.75	2.00
<b>Autumn Greetings.</b> SD. (Kraus.) Bright copper and gold. Excellent for mass planting.	22	Sept. 14	.50	1.25
<b>Autumnsong.</b> D. (Kraus.) Pictured p. 18. Large wine-rose shading to carmine. Entirely new color in Mums.	20	Sept. 12	.50	1.25
<b>Autumntide.</b> D. A beautiful blending of salmon-coral with a golden undertone.	22	Aug. 27	.50	1.25
<b>Avalanche.</b> D. (Dreer.) Pictured p. 9, 23. The world's best large creamy white. Everyone's favorite. Top-notch for cutting.	20	Sept. 4	.50	1.25
<b>Aztec Gold.</b> D. (Kraus.) New 1951! Compact, slightly domed, firm, clear lemon-yellow. Strong, upright growth. Presents an ideal border or cut Mum.	26	Oct. 1	.75	2.00
<b>Barbara Small.</b> D. (Kraus.) Clear lilac-pink with a carmine center.	23	Sept. 16	.50	1.25
<b>Beacon.</b> D. Pictured p. 16. Full double, 4-inch flower of coral-apricot shading to flaming nasturtium-orange at center. Tall, sturdy plant for cutting.	30	Oct. 15	.60	1.50
<b>Betty.</b> SD. (C-P.) Pictured p. 9. Splendid upright rose-pink without a trace of magenta. One of the finest new pinks.	28	Sept. 28	.50	1.25
<b>Bronze Pyramid.</b> D. Pictured p. 13. Large orange-bronze flowers on wiry stems. An excellent cut-flower variety.	31	Oct. 15	.75	2.00
<b>Butterball.</b> D. (Longley.) The earliest butter-yellow. Somewhat bronze in cool weather.	14	Aug. 18	.50	1.25
<b>Canary.</b> D. Pictured p. 12. Compact mound of large, light yellow flowers.	18	Sept. 15	.60	1.50
<b>Canary Spoon.</b> D. (Lehman.) Pictured p. 7. Excellent full flower with both tubes and spoons of bright yellow.	24	Oct. 1	.75	2.00
<b>Candlelight.</b> D. (Kraus.) Pictured p. 16. Well-formed flowers of ivory-white. Excellent plant and foliage habits.	20	Sept. 4	.50	1.25

Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
<b>Cardinal Spoon.</b> S. (Lehman.) Pictured p. 7. An outstandingly different cardinal-red with straw-yellow tubes.	24	Sept. 28	\$0.60	\$1.50
<b>Carmelita.</b> D. (DePetris.) Tall apricot-bronze. Flower large and decorative.	28	Oct. 15	.75	2.00
<b>Carmine Queen.</b> D. (DePetris.) Pictured p. 14. Tall, large, carmine-red. A luxuriant cutflower.	28	Oct. 10	.75	2.00
<b>Carnival.</b> D. (Bristol.) Pictured p. 24. A large, gleaming burnt-orange flower on an excellent plant with lusty green foliage.	30	Oct. 10	.75	2.00
<b>Cecelia.</b> D. (Kraus.) Soft deep peony-purple. Petals incurved slightly, but recurved on mature flowers. Outstanding for medium high border.	18	Sept. 24	.60	1.50
<b>Cecil Beed.</b> D. (Wallie's Gdns.) Splendid early, full double, deep lavender-pink. Very dependable and free flowering.	24	Sept. 1	.75	2.00
<b>Charles Nye.</b> D. (Kraus.) Pictured p. 9, 14. Large, 3-inch, fully double, rounded flowers of buttercup-yellow.	28	Sept. 24	.50	1.25
<b>Charm Spoon.</b> S. (Lehman.) Pictured p. 7, 24. Opens lovely rhodonite-red and fades gradually to rich rusty rose. Excellent growth habits. Very free flowering.	26	Sept. 28	.50	1.25
<b>Chicago.</b> SD. (Kraus.) Rich, deep, glowing carmine with orange reverse, turning to scarlet toward the base. A small, clear yellow center enhances the brilliance.	24	Oct. 6	.60	1.50
<b>Chippewa.</b> D. (Longley.) Pictured p. 11. Gorgeous, bright aster-purple, slightly incurved. Does especially well in the North.	24	Sept. 4	.50	1.25
<b>Chiquita.</b> D. (Kraus.) Pictured p. 15. A compact, dome-shaped pompon of deep lemon-yellow. One of the finest yellow pompons.	20	Sept. 28	.50	1.25
<b>Chorale.</b> D. (Kraus.) New 1951! Biscuit-shaped flower of light phlox-pink lightening to pale greenish yellow at center, aging to chalk-white without a trace of purple or brown. Two months of glorious bloom.	30	Sept. 22	.75	2.00
<b>Chris Columbus.</b> D. (Rosebud.) A most outstanding ivory-white. A luxuriant grower, excellent for cutting.	26	Sept. 28	.50	1.25
<b>Courageous.</b> D. (Kraus.) Pictured p. 17. Shining dark ruby-red, large double flowers. A truly magnificent plant.	24	Sept. 26	.50	1.25
<b>Cydonia.</b> D. Pictured p. 24. Brilliant orange-chestnut overlaid with mahogany. Everyone likes it.	30	Oct. 8	.50	1.25
<b>Dahlia-mum.</b> D. Quilled petals like a cactus dahlia, of bright wine-red.	22	Sept. 10	.50	1.25
<b>Dainty.</b> D. (Lehman.) A very beautiful blend of light lavender-lilac aging to soft white with a silvery cast.	16	Aug. 27	.60	1.50



Name and Description	Height in Inches	Blooming Date	Price Each	Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
<b>Dark Red Gold.</b> D. (Lehman.) A pleasing dark ruby color. Very early. . . . .	20	Aug. 20	\$0.50	\$1.25	<b>Golden Isle.</b> D. (Becker.) A timely mass of color varying from reddish orange to bronze-tan and golden yellow according to the season. Hundreds of giant flowers. . . . .	20	Sept. 15	\$0.50	\$1.25
<b>Dawnrose.</b> D. (Kraus.) Pictured p. 18. Grenadine-pink to bittersweet-pink, lightening to clear bright flesh color at margin. Exceptionally colorful. . . . .	24	Oct. 5	.75	2.00	<b>Golden Mound.</b> D. (Lehman.) Excellent golden yellow cushion. Many 2-inch flowers on short, dark green, twiggy branches. Makes a fine early pot of gold. . . . .	18	Sept. 12	.60	1.50
<b>Defiance.</b> D. (Kraus.) A bold flower of intense golden yellow with twilled petals. Exceptionally firm substance. Strong, upright plant with excellent cutting stems. . . . .	26	Sept. 17	.60	1.50	<b>Golden Sunset.</b> D. (Kraus.) Immense, burnished copper with ruby center. One of the largest and most showy of the recent introductions. . . . .	22	Sept. 26	.60	1.50
<b>Drifted Snow.</b> D. (Kraus.) Pictured p. 13. A mound of large, fully double, snow-white flowers, shaded yellow at center. . . . .	24	Sept. 16	.50	1.25	<b>Golden Surprise.</b> D. (Hurley.) New, early, free-flowering golden yellow. . . . .	28	Sept. 5	.60	1.50
<b>Dr. L. E. Longley.</b> D. (U. of Minn.) New Longley origination. Fully double, bright rose-pink. . . . .	24	Aug. 20	.75	2.00	<b>Harbinger.</b> D. (Kraus.) Pictured p. 23. A glorious early bronze with coloring of fall maples. Very good cut flower. . . . .	22	Aug. 22	.50	1.25
<b>Early Gold.</b> D. (Lehman.) Very early! Bright golden yellow pompon with contrasting dark green foliage. Excellent for pots and borders. . . . .	18	Sept. 4	.60	1.50	<b>Harbor Lights.</b> D. (Bristol.) Pictured p. 15. Pale yellow with cream-white tints. Extra fine. . . . .	22	Sept. 24	.50	1.25
<b>Early Harvest.</b> D. (Kraus.) Pictured p. 11. A mass of charming mahogany-orange flowers for two months. Superior to all popular cushion varieties. . . . .	16	Sept. 7	.50	1.25	<b>Hazelwood.</b> D. (Kraus.) Soft light Corinthian-red shading to delicate dark rosy bronze. A heavy-blooming cut-flower variety. Fine plant. . . . .	30	Oct. 5	.60	1.50
<b>Early Robin.</b> D. (Becker.) Very early, two-toned mound. Bronze-yellow petals opening mahogany-red. Unusual! . . . . .	14	Sept. 4	.60	1.50	<b>Hearthfire.</b> D. (Kraus.) Pictured p. 12, 14. Bright red flowers showing a small yellow center when fully open. Ideal for cutting. . . . .	25	Sept. 20	.50	1.25
<b>Echoes.</b> SD. (Kraus.) Rich Vandyke-brown toned copper, becoming orange at center. . . . .	22	Oct. 1	.50	1.25	<b>Hero.</b> D. (Kraus.) Gleaming bright scarlet-red to spectrum-red with yellow-bronze reverse. Very bright and free flowering. . . . .	24	Oct. 1	.50	1.25
<b>Ermine.</b> D. (Kraus.) Pictured p. 14. Fully double, wide-petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Frost-resistant flower. Excellent when cut. . . . .	30	Oct. 1	.60	1.50	<b>Holiday.</b> D. (Kraus.) Pictured p. 2. New 1951! Strong plant supporting an abundance of bronze-gold flowers with pure bronze center. From three to five 4-inch flowers on long branches make it a master for cutting. . . . .	24	Sept. 27	.75	2.00
<b>Fairbow.</b> D. (Kraus.) Heavy-blooming lavender-pink pompon. Splendid upright growth makes it a good cut flower. . . . .	24	Sept. 10	.60	1.50	<b>Huntsman.</b> D. (Bristol.) Pictured p. 9. Bright scarlet-orange overlaid with bronze tints. Growth much like its parent, Carnival. Hardy and also good for cutting. . . . .	30	Oct. 10	.75	2.00
<b>Fiesta.</b> D. (De Petris.) Pictured p. 14. Large, fully rounded pompon of brilliant orange-rust. A well-formed plant. . . . .	26	Oct. 1	.60	1.50	<b>Illuminator.</b> D. (Kraus.) Very dark, brilliant crimson-red pompon. Excellent in the garden and for cutting. . . . .	22	Sept. 25	.60	1.50
<b>Fuchsia Spoon.</b> S. (Lehman.) A bold, 3½-inch spoon of sparkling fuchsia-rose. A sturdy, free-flowering plant. . . . .	24	Oct. 2	.50	1.50	<b>Inspiration.</b> D. (Kraus.) Pictured p. 18. Large, rich orange-red overlaid with apricot-orange. Bush unusually strong, sturdy and upright. Fine for cutting. Buds and flowers frost hardy. . . . .	30	Oct. 1	.50	1.25
<b>Garnet Spoon.</b> S. (Lehman.) Pictured p. 17. New 1951! Tall, upright red spoons with purple tubes and a domed yellow center. Another of Lehman's lovely spoons. . . . .	26	Oct. 4	.75	2.00	<b>Ivory Glow.</b> D. (U.S.D.A.) Lovely 3-inch, creamy white. Recurved like greenhouse commercials. . . . .	12	Oct. 13	.75	2.00
<b>Generalissimo.</b> D. (Wayside.) A very rugged, fully double flower of soft magnolia-purple. Good early. . . . .	19	Sept. 10	.60	1.50	<b>Ivory Spoon.</b> D. (Lehman.) Pictured p. 7. Dainty ivory-white, spoon-shaped flowers in profusion. Far exceeds the old white spoon. . . . .	20	Oct. 5	.50	1.25
<b>Gladness.</b> D. (Kraus.) Fully double, clear China-rose. Dwarf, very free-flowering plant. One of the first to bloom. Very winter hardy. . . . .	18	Aug. 28	.60	1.50	<b>Joan Helen.</b> SD. (Heuser.) Sparkling garnet-lake shading to purple; bright yellow center. An excellent plant for borders. . . . .	18	Sept. 10	.50	1.25
<b>Gladwin.</b> D. (Becker.) Large pink fading to nearly white. An excellent cut-flower variety. . . . .	32	Sept. 24	.75	2.00	<b>Kathleen Lehman.</b> D. (Kraus.) Pictured p. 9, 16. Brightest orange-gold, deepening to red-gold at center. One of the very best new things. . . . .	28	Sept. 28	.75	2.00
<b>Glowing Coals.</b> D. (Kraus.) Pictured p. 16. Bright deep cherry-red with orange reverse. Well-branched sprays. One of the best early reds. . . . .	24	Sept. 24	.50	1.25	<b>Lavender Lady.</b> D. (Bristol.) Pictured p. 18. Immense silvery lavender. . . . .	30	Oct. 6	.50	1.25
<b>Golden Carpet.</b> D. (Bristol.) A creeping mound of golden yellow pompons. Superb for bordering. . . . .	12	Sept. 26	.60	1.50	<b>Lavender Spoon.</b> S. (Lehman.) New 1951! Lovely purple spoon with silver lining and tubes. Extra early; tall, upright growth. . . . .	26	Sept. 20	.75	2.00
<b>Golden Gopher.</b> D. (Kraus.) New 1951! Here is the clear, clean, bright red-orange your Mum garden needs. Deep cadmium-orange with tints of buttercup-yellow on older petals. Upright plant with hard flattened flower. . . . .	24	Sept. 20	.75	2.00	<b>Lee Powell.</b> D. (Kraus.) Pictured p. 2, 19. New 1951! The Mum of the Year 1951. Masses of fluffy Chinese-yellow flowers with a slight orange tinge at center on a tall, upright bush. The 4½-inch flowers appear somewhat similar to the large greenhouse varieties. Nothing like it in Hardy Mums. . . . .	30	Sept. 23	.75	2.00
<b>Golden Hours.</b> D. (Kraus.) Pictured p. 16, 23. Early, double, deep lemon-chrome. Petals broad, overlapping and somewhat incurved. Most outstanding very early cut flower. . . . .	26	Sept. 8	.50	1.25					



Name and Description	Height in Inches	Blooming Date	Price Each	Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
<b>Lemon Drop.</b> D. New 1951! A very becoming yellow button pompon with a slight green overtone radiating from center. Very hardy. Extra fine foliage and plant habit. . . . .	17	Sept. 8	\$0.60	\$1.50	<b>Myrtle Walgreen.</b> D. (Kraus.) Pictured p. 14. Rich amaranth-purple, underlaid with silvery lilac, aging to clean, clear mallow-purple. Excels Chippewa. . . . .	20	Sept. 28	\$0.60	\$1.50
<b>Lilac Spoon.</b> S. (Lehman.) Large, wide-petaled flowers of lilac-pink with silvery white tubes. A superb spoon. . . . .	24	Oct. 1	.60	1.50	<b>Nanook.</b> D. (Kraus.) A dwarf, compact mound completely smothered by white flowers with cream centers. . . . .	14	Sept. 14	.50	1.25
<b>Lorenzo.</b> D. (Kraus.) A rich, flaming, dark Dianthus-purple. Quilled petals give cactus dahlia appearance. . . . .	26	Sept. 15	.60	1.50	<b>Nina.</b> D. (Kraus.) New 1951! The tall, free-flowering plant makes it especially desirable for cutting. Its medium Persian-rose color suffused with an amber glow darkens slightly at the center and in mature flowers. . . . .	24	Sept. 15	.75	2.00
<b>Louise Schling.</b> S. (Dreer.) Glowing salmon-red. A knightly plant, erect and tall. . . . .	34	Oct. 6	.50	1.25	<b>Nokomis.</b> D. (DePetris.) A large, hardy pompon with a full, compact flower of Indian-red fading to bronze. . . . .	26	Sept. 26	.50	1.25
<b>Loveliness Spoon.</b> D. (Lehman.) Pictured p. 11. A grand fully double, carmine-pink spoon. Nothing like it. Outstanding. . . . .	20	Oct. 1	.60	1.50	<b>Nye's Favorite.</b> D. Masses of lavender-pink flowers with golden shadings. . . . .	24	Sept. 12	.50	1.25
<b>Magenta Spoon.</b> D. (Lehman.) Pictured p. 7, 16. Lively magenta-rose, spoon-type flowers in profusion. The peak of perfection in spoon Mums. . . . .	22	Oct. 1	.50	1.25	<b>Olive Longland.</b> D. (Kraus.) Pictured p. 8. Three-inch apricot-toned salmon-pink. The best of the pastel colors. . . . .	24	Sept. 26	.50	1.25
<b>Magnificent.</b> D. (Kraus.) Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches, excellent for cutting. . . . .	26	Oct. 1	.50	1.25	<b>Orchid Helen.</b> D. (Becker.) Pictured p. 8, 23. Sturdy, orchid-pink flowers of unusual beauty. One of our best things last year. . . . .	18	Sept. 10	.60	1.50
<b>Mahogany Cushion.</b> D. (Lehman.) Twisted petals of jasper-red shading to mahogany. Superior to the old cushions. . . . .	20	Sept. 28	.60	1.50	<b>Oriental Glory.</b> D. (Rosebud.) Brilliant Oriental-red, large flowers with pointed petals. Good cut flower. . . . .	26	Oct. 3	.50	1.25
<b>Maroon 'N' Gold.</b> D. (Longley.) Pictured p. 23. Immense, 4-inch flowers of bright mahogany shaded maroon, underlaid with gold. Very early. . . . .	16	Aug. 26	.50	1.25	<b>Paper White.</b> D. (Lehman.) Pictured p. 11. Very pure white flowers on dwarf plants. Wide, flat petals with excellent texture. Very early and exceptionally fine in the North. . . . .	18	Sept. 10	.60	1.50
<b>Martin's White.</b> D. (Martin.) Immense, pure white flowers 4 inches across. Compact, bushy growth. . . . .	18	Sept. 15	.50	1.25	<b>Patricia Lehman.</b> D. (Kraus.) Pictured p. 9. Sparkling geranium-pink with peach center. Recurved and twisted petals give fluffy, feathery effect. Strong, upright grower for cut flowers. Did exceptionally well last year over the entire country. . . . .	24	Sept. 28	.75	2.00
<b>Mary Harrison.</b> SD. (Kraus.) Bright, glowing aster-purple, lightening to phlox-purple. Excellent for cutting. Tremendously impressive. . . . .	24	Sept. 26	.60	1.50	<b>Peach Spoon.</b> D. (Lehman.) Large, lively peach-colored spoons with Chinese-yellow tubes aging to pinkish peach. Outstandingly different. . . . .	22	Oct. 8	.60	1.50
<b>Masquerade.</b> D. (C. & P.) Pictured p. 8. A glistening mass of silvery lavender and rose pompons. Trim, neat, compact flowers completely smother the plant. One of the better new Mums. . . . .	24	Oct. 6	.75	2.00	<b>Pink Daisy.</b> S. (Lehman.) Extremely early lavender - pink single. Flowers completely smother the plant. . . . .	20	Sept. 3	.60	1.50
<b>Meditation.</b> D. (Kraus.) Pictured p. 12. Large, fully double, firm, two-toned flowers of soft light jasper-red and maize-yellow with orange reverse. Matures to a bright reddish peach. An excellent cut flower. . . . .	28	Oct. 6	.50	1.25	<b>Pink Opal.</b> D. (Kraus.) New 1951! Pale Persian-rose overlaid with cream tints. Extremely delicate and refined; coloring is distinct and clear. Compact, full flattened flowers 4 inches in diameter. A beauty! . . . . .	20	Sept. 28	.75	2.00
<b>Melody.</b> D. (Kraus.) Gay light orange-bronze with wide, boat-shaped petals. An upright, compact, free-flowering plant. . . . .	24	Sept. 28	.60	1.50	<b>Pink Princess.</b> D. (Peck.) Dainty baby-pink button on strong, husky plants. . . . .	22	Sept. 20	.50	1.25
<b>Ming.</b> D. (Kraus.) Pictured p. 2. New 1951! A most wonderful free-flowering plant with 4-inch blooms of Chinese-yellow, with tangerine-orange at center. Very rigorous stems with abundant foliage. . . . .	26	Sept. 18	.75	2.00	<b>Pink Radiance.</b> D. (Bristol.) Pictured p. 15. Multitudes of highly luminous pink blossoms on rugged plants. . . . .	22	Sept. 24	.50	1.25
<b>Mona.</b> D. (DePetris.) Medium high, rust-bronze pompon. . . . .	24	Oct. 5	.75	2.00	<b>Pink Spinner.</b> An honest-to-goodness lavender-pink quill. Very free blooming. . . . .	16	Sept. 26	.60	1.50
<b>Moonbeams.</b> D. (C. P. K.) Pictured p. 17. Has 3½-inch flowers of fluffy soft primrose-yellow. An improved Pale Moon. Excellent for cutting. . . . .	33	Oct. 1	.75	2.00	<b>Pollyanna.</b> S. (DePetris.) Tall, graceful, flashing Mayflower-pink with rosy salmon sheen. . . . .	30	Oct. 9	.60	1.50
<b>Moonlight.</b> D. (U. of Minn.) A new, very early, light primrose that has promise because of early blooming habit. . . . .	16	Aug. 26	.75	2.00	<b>Prelude.</b> D. (Kraus.) Pictured p. 13. Very large. Combination of flesh-pink and maize-apricot. Unexcelled for early cutting. . . . .	30	Sept. 9	.50	1.25
<b>Mrs. Pierre S. du Pont III.</b> D. (Bristol.) Pictured p. 14. Peach-pink tinted rosy salmon-bronze. One of the best pastels. . . . .	26	Oct. 5	.50	1.25	<b>Pygmy Bronze.</b> D. (Lehman.) A dusky bronze bud sport of the dwarf Pygmy Rose, also its contrasting companion. . . . .	10	Sept. 9	.50	1.25
<b>Mrs. T. Riley.</b> D. (English.) The largest English white. A large snow-white bloom. . . . .	20	Oct. 6	.60	1.50	<b>Pygmy Rose.</b> D. (Lehman.) Very dwarf, perky, upright-growing rose pompon. Valuable for pot or border. . . . .	10	Sept. 9	.50	1.25
					<b>Quilled Cushion.</b> D. (Lehman.) Opens Oriental-red aging to bright bronze. Its unique twilled petals make it outstanding among cactus dahlia types. . . . .	20	Sept. 30	.60	1.50



Name and Description	Height in Inches	Blooming Date	Price Each	Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Per 3
<b>Red Elf.</b> SD. (Lehman.) Dwarf, clean, bright red pompons on tiny plants not over 12 inches tall. .... 12	12	Sept. 9	\$0.50	\$1.25	<b>Stardom.</b> D. (Wallie's Gdns.) Large, bright Indian-red on semi-cushion plant. .... 16	16	Sept. 10	\$0.75	\$2.00
<b>Redglow.</b> D. (Kraus.) Dark glowing red pompon flowers in abundance. Courageous type plant. Excellent habits. .... 30	30	Sept. 20	.60	1.50	<b>Stella App.</b> SD. (App.) Pictured p. 14. Very prolific orange-bronze. Excellent for garden display or cutting. Extremely good in Chicago area. .... 22	22	Oct. 5	.50	1.25
<b>Red Ridinghood.</b> D. (Youdath.) Pictured p. 24. An outstanding bright red. Petals are very frost resistant. .... 26	26	Oct. 1	.50	1.25	<b>Successor.</b> D. (Becker.) A grand erect pink cushion with a bright red center. Pointed petals add to the exciting two-toned contrast. .... 22	22	Sept. 14	.50	1.25
<b>Red Velvet.</b> D. (Bristol.) Pictured p. 8. A surpassingly fine, full double, velvety crimson. The best of all crimsons. .... 24	24	Oct. 2	.50	1.25	<b>Talisman.</b> D. (Kraus.) New 1951! Superb bud sport of Rosita. A quilled button pompon of soft apricot, overlaid with lavender-rose toward margins. Color much like that of a Talisman rose but brighter. .... 26	26	Sept. 24	.75	2.00
<b>Remembrance.</b> D. (Kraus.) Deep rubycarmine color that is retained for the life of the flower. In our estimation the best red last year. Very frost hardy. .... 24	24	Sept. 27	.60	1.50	<b>Tangerine.</b> D. (Kraus.) Flaring Spanish-orange to grenadine-red. Distinctly different. .... 22	22	Sept. 27	.50	1.25
<b>Rosita.</b> D. (Kraus.) Pictured p. 15. Compact, light Persian-rose button pompon. Bush completely covered with pink buttons. .... 26	26	Sept. 24	.50	1.25	<b>Tribute.</b> D. (Kraus.) Pictured p. 17. Large, fully double flower opening bright daphne-red and maturing to daphne-pink. Excellent as a border plant. Highly recommended. .... 22	22	Sept. 14	.50	1.25
<b>Rouge Cushion.</b> D. (Lehman.) A far superior red, semi-cushion. Real rosy bronze flowers show a small bright yellow center when matured as petals retain their red hue. Extraordinarily prolific bloom. .... 15	15	Sept. 20	.60	1.50	<b>Tussore.</b> S. (Kraus.) Exceptionally fine orchid-pink. One of our best-liked singles. .... 20	20	Sept. 30	.50	1.25
<b>Royal Robe.</b> D. (Kraus.) New 1951! Dr. Kraus' superb '51 introduction. Beetroot-purple with bluish sheen. Flower center shows a distinct bluish reflection. A great mass of bloom well distributed over the plant. .... 27	27	Sept. 15	.75	2.00	<b>Twilight.</b> D. (Kraus.) Pictured p. 12. A pleasing fuchsia-purple underlaid with silver. Strong grower. .... 24	24	Oct. 5	.50	1.25
<b>Ruby Spoon.</b> D. (Lehman.) Pictured p. 7. Large, bold, firm, spoon-type flower of bright ruby-red. .... 24	24	Sept. 27	.60	1.50	<b>Valiant.</b> SD. (Kraus.) Pictured p. 13. A gaudy flower with long petals of bright rose-scarlet with a clear yellow center. .... 25	25	Sept. 27	.50	1.25
<b>Ruthann Lehman.</b> D. (Kraus.) Pictured p. 11. Immense canary-yellow flower. Excellent plant and growth habit. Long stems make it a fine cut-flower variety. .... 24	24	Sept. 12	.75	2.00	<b>Violet.</b> D. (Longley.) Pictured p. 23. The best very early purple. Full double, dahlia-like bloom with good color and substance. .... 20	20	Aug. 26	.50	1.25
<b>September Dawn.</b> D. Pictured p. 17. Large, bright rose-pink. One of the best pinks on a beautiful plant for potting. .... 22	22	Sept. 26	.50	1.25	<b>White Bounty.</b> D. (Kraus.) Pictured p. 15. Small white button pompon with sulphur-yellow center. A good, lasting cut flower. .... 26	26	Sept. 16	.60	1.50
<b>Shallmar.</b> D. (Kraus.) Ball-shaped cream-white with sulphur-yellow center. Masses of flowers cover the strong, upright plant. Holds color very late. .... 28	28	Sept. 24	.60	1.50	<b>White Knight.</b> D. Pictured p. 18. Large, clear white flowers of fine form and substance. .... 22	22	Sept. 15	.50	1.25
<b>Shooting Star.</b> D. (Kraus.) Opens pinkish mallow-purple, lightening to pale rose-pink as flower matures. Maize tips help bring out the quaint quill effect of petals. A larger and improved Heather-bloom. .... 22	22	Sept. 12	.60	1.50	<b>White Tower.</b> D. (Becker.) Pictured p. 12. Free-flowering, creamy white pompon maturing to pure white. Very tall and sturdy plant; good for cutting. .... 36	36	Sept. 20	.50	1.25
<b>Sieglinde.</b> S. (Styer.) Dainty coral-red single. Different from any other. .... 28	28	Oct. 8	.50	1.25	<b>Winterset.</b> D. (Peck.) Strong-growing, large snow-white. A valuable addition, as it blooms with Mrs. du Pont and Red Velvet. .... 28	28	Oct. 2	.50	1.25
<b>Sienna.</b> D. (Kraus.) Pictured p. 15. Dark reddish orange toned burnt sienna-brown. A heavy-textured, long-lasting flower. .... 18	18	Sept. 16	.50	1.25	<b>Wychwood.</b> D. (Kraus.) Pictured p. 18. In our estimation one of the best yellows. Flowers of rich sparkling canary-yellow, slightly deeper at center. Perfect plant habit and excellent healthy foliage. .... 22	22	Sept. 20	.50	1.25
<b>Silver Moon.</b> S. (Bristol.) Pictured p. 8. White, like a glorified shasta daisy. .... 32	32	Sept. 28	.50	1.25	<b>Yellow Avalanche.</b> D. (Lehman.) Pictured p. 8, 24. A brilliant soft yellow bud sport of the popular white Avalanche. Unexcelled for cutting and unsurpassed in beauty. .... 22	22	Sept. 4	.50	1.25
<b>Silver Pink.</b> D. (Longley.) Upright; Tyrian-rose with silvery cast. Early. Good for cutting. .... 20	20	Aug. 28	.50	1.25	<b>Yellow Blanket.</b> D. (Peck.) Pictured p. 15, 24. Very free-flowering button. Clear yellow flowers, tops for cutting. Much better than Judith Anderson. .... 20	20	Oct. 10	.50	1.25
<b>Simba.</b> D. (Kraus.) Pictured p. 14. Profuse masses of soft orange-bronze flowers. Splendid for cutting. .... 22	22	Sept. 4	.50	1.25	<b>Yellow Cushion Improved.</b> D. (Lehman.) Hundreds of fully double, bright yellow flowers on mound-like plants. .... 18	18	Sept. 18	.50	1.25
<b>Sincerity.</b> D. (Bristol.) The lovely pearl-white sport of Lavender Lady. Opens with a slight lavender-pink cast. .... 38	38	Oct. 6	.75	2.00	<b>Yellow Spoon.</b> S. Pictured p. 7. Very fine, bright, clear golden yellow tubes and spoons. .... 22	22	Oct. 8	.50	1.25
<b>Snowfall.</b> D. (Kraus.) Virgin-white, slightly cream at center. Petals rolled and pointed. .... 20	20	Sept. 28	.50	1.25	<b>Zantha.</b> D. (Kraus.) A perpetual-blooming, clear canary-yellow with ball-shaped flowers. Outstandingly good. .... 22	22	Sept. 6	.50	1.25
<b>Southwind.</b> D. (Kraus.) Masses of large Chinese-red flowers toned salmon-buff, borne on sturdy, well-branched plants. .... 22	22	Sept. 18	.50	1.25					
<b>Stalwart.</b> D. (Kraus.) Pictured p. 15. Very prolific golden bronze pompon. Very frost resistant. .... 24	24	Oct. 2	.50	1.25					





**CANARY SPOON.** 75c each; 3 for \$2.00

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**SPOONS**



**RUBY SPOON.** 60c each; 3 for \$1.50

***New Brilliant Spoon Mums***

**7 Sure-to-Bloom Plants (1 of each pictured) \$3.50**  
**21 Plants (3 of each) \$9.00**



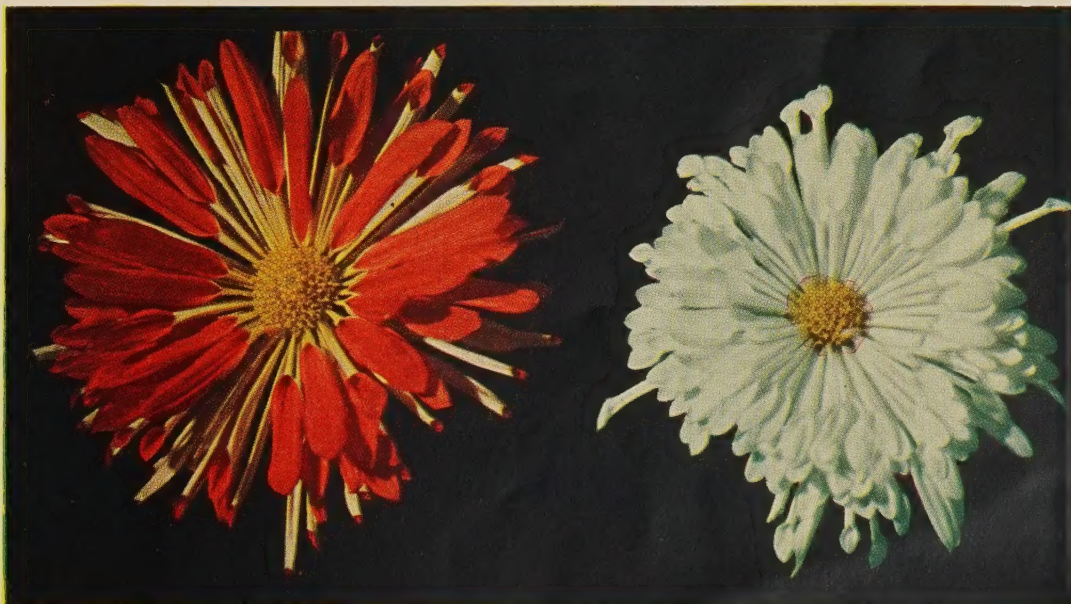
**CHARM SPOON.** 50c each; 3 for \$1.25



**MAGENTA SPOON.** 50c each; 3 for \$1.25



**YELLOW SPOON.** 50c each; 3 for \$1.25



**CARDINAL SPOON.** 60c each; 3 for \$1.50

**IVORY SPOON.** 50c each; 3 for \$1.25





**OLIVE LONGLAND.** 50c each; 3 for \$1.25



**MASQUERADE.** 75c each; 3 for \$2.00



**RED VELVET.** 50c each; 3 for \$1.25

## 6 NOVEL MUMS

All types and seasons  
represented in this col-  
lection.

**6** Sure-to-  
Bloom-Plants **\$2.90**

(1 of each pictured)

**18** PLANTS **\$8.00**

(3 of each)



**SILVER MOON.** 50c each; 3 for \$1.25



**YELLOW AVALANCHE.** 50c each; 3 for \$1.25



**ORCHID HELEN.** 60c each; 3 for \$1.50





**PATRICIA LEHMAN.** 75c each; 3 for \$2.00



**HUNTSMAN.** 75c each; 3 for \$2.00



**CHARLES NYE.** 50c each; 3 for \$1.25



**AVALANCHE.** 50c each; 3 for \$1.25

## *Master Six*

Each one a master-  
piece.

**6  
Sure-to-Bloom  
Plants**

(1 of each pictured)

**\$3.00**

**18  
PLANTS**

(3 of each)

**\$8.00**



**KATHLEEN LEHMAN.** 75c each; 3 for \$2.00



**BETTY.** 50c each; 3 for \$1.25



# The Greatest MUM Bargains of 1951



*Van  
Dyke,  
Mich.*

Last spring I sent for your Surprise Collection of Mums and this fall it has been a truly surprising Garden of Beautiful Mums.

The plants, all sturdy and blooming, are really the envy of all my neighbors. Next spring I want to have at least 50 more because I've never been so pleased with any as I have with those from your firm.

—Mrs. E. T. C.

## SURPRISE COLLECTION

If you do not care about the names of your Mums, but just want to grow them for a gorgeous display in the fall or for cutting bouquets for the house, then you can save money by ordering this special Surprise Collection. It includes every color and type shown in this catalog. All are first-quality, *sure-to-bloom* plants, but come to you unlabeled as to name. See for how little money you can have a big Mum garden.

5 for \$1.25; 10 for \$2.20; 25 for \$5.25; 100 for \$20.00

## LET US MAKE YOUR SELECTION

If you prefer to have personal, professional help in selecting the varieties for your particular needs, let us make your selection. Send us the amount you wish to spend for **HARDY MUMS**, tell us what color and types you prefer—whether for cutting or garden display, whether early, late, or midseason varieties—and we will select the best in our large collection of over 200 varieties. You will be thrilled by the fine plants you receive. All will be labeled and **SURE TO BLOOM**.





**APRICOT GLOW.** 50c each; 3 for \$1.25



**LOVELINESS SPOON.** 60c each; 3 for \$1.50

## 6 Shades of September

Six exceptionally fine September-blooming Mums

**6 Sure-to-Bloom Plants** \$2.85  
(1 of each pictured)

**18 Plants (3 of each)** . . \$7.00



**PAPER WHITE.** 60c each; 3 for \$1.50



**EARLY HARVEST**  
50c each; 3 for \$1.25



**CHIPPEWA.** 50c each; 3 for \$1.25



**RUTHANN LEHMAN.** 75c each; 3 for \$2.00





**WHITE TOWER.** 50c each.  
**MEDITATION.** 50c each.

**CANARY.** 60c each.

**TWILIGHT.** 50c each.  
**HEARTHFIRE.** 50c each.

## 5 Highlight MUMS

A showy selection of the distinct colors of garden Mums—A credit to any garden.

**5 Sure-to-Bloom Plants** (1 of each pictured) . . . . . **\$2.60**  
**15 Plants** ( 3 of each) . . . . . **\$7.50**



**DRIFTED SNOW.** 50c each.  
**PRELUDE.** 50c each.

**VALIANT.** 50c each.

**TIFFANY ROSE.** 60c each.  
**BRONZE PYRAMID.** 75c each.

## 5 Majestic MUMS

A grand group of some of the outstanding garden Mums.

**5 Sure-to-Bloom Plants** (1 of each pictured) . . . . . **\$2.50**  
**15 Plants** (3 of each) . . . . . **\$7.00**

# 10 Grand Mums

**10**  
**SURE-TO-BLOOM**  
**PLANTS . . . . . \$4.90**

(1 of each pictured on these two pages)

**30**  
**SURE-TO-BLOOM**  
**PLANTS . . . . . \$13.00**

(3 of each pictured)







**11**

# ALL-SEASON COLLECTION

An outstanding group of our very  
finest varieties

**11 SURE-TO-BLOOM Plants \$5.25**  
(1 of each pictured)

**33 Plants (3 of each) . . . \$14.50**



**MRS. P. S. DU PONT III.**  
50c each; 3 for \$1.25



**SIMBA.** 50c each; 3 for \$1.25



**HEARTHFIRE.** 50c each; 3 for \$1.25

- |                               |                             |
|-------------------------------|-----------------------------|
| 1. ALLEGRO. 50c each.         | 5. STELLA APP. 50c each.    |
| 2. MYRTLE WALGREEN. 60c each. | 6. ERMINE. 60c each.        |
| 3. CHARLES NYE. 50c each.     | 7. CARMINE QUEEN. 75c each. |
| 4. FIESTA. 60c each.          | 8. ARGONNE. 50c each.       |





**YELLOW BLANKET.** 50c each; 3 for \$1.25



**PINK RADIANCE.** 50c each; 3 for \$1.25



**CHIQUITA (Yellow).** 50c each; 3 for \$1.25.  
**ROSITA (Pink).** 50c each; 3 for \$1.25.  
**WHITE BOUNTY. (White).** 60c each; 3 for \$1.50.

## 8 PERKY POMPONS

A fine selection of  
the pompon  
and button types

8 Sure-to-Bloom  
PLANTS  
(1 of each pictured)

**\$3.50**

24 PLANTS  
(3 of each)

**\$9.65**



**HARBOR LIGHTS.** 50c each; 3 for \$1.25



**STALWART.** 50c each; 3 for \$1.25



**SIENNA.** 50c each; 3 for \$1.25





**KATHLEEN LEHMAN.** 75c each; 3 for \$2.00



**BEACON.** 60c each; 3 for \$1.50



**GLOWING COALS.** 50c each; 3 for \$1.25

## 6 BOUQUET MUMS

Our very best early-flowering  
Mums for cutting armsful of  
bouquets.

**6** Sure-to-Bloom **\$2.90**  
Plants. . . . .  
(1 of each pictured)

**18** PLANTS.. **\$8.50**  
(3 of each)



**CANDLELIGHT.** 50c each; 3 for \$1.25



**MAGENTA SPOON.** 50c each; 3 for \$1.25



**GOLDEN HOURS.** 50c each; 3 for \$1.25





**SEPTEMBER DAWN.** 50c each; 3 for \$1.25



**TRIBUTE.** 50c each; 3 for \$1.25

## 5 GALA MUMS

5 SURE-TO-BLOOM PLANTS (1 of each pictured) **\$2.60**

15 PLANTS (3 of each) . . . **\$7.00**



**COURAGEOUS.** 50c each; 3 for \$1.25



**GARNET SPOON.** 75c each; 3 for \$2.00



**MOONBEAMS.** 75c each; 3 for \$2.00





**DAWNROSE.** 75c each; 3 for \$2.00



**AUTUMNSONG.** 50c each; 3 for \$1.25



**WHITE KNIGHT.** 50c each; 3 for \$1.25

## 6 **RAINBOW** MUMS

6 Sure-to-Bloom Plants **\$3.00**  
(1 of each pictured)  
18 Plants (3 of each) **\$8.25**



**LAVENDER LADY.** 50c each; 3 for \$1.25



**WYCHWOOD.** 50c each; 3 for \$1.25



**INSPIRATION.** 50c each; 3 for \$1.25



# America's Favorite Garden Mums

**5 All-American Red** Courageous, Huntsman Red Velvet, Remembrance Carmine Queen 5 plants (one of each) for **\$2.70** (\$3.10 value)

**5 All-American White** Avalanche, Chris Columbus Ermine White Tower Sincerity 5 plants (one of each) for **\$2.50** (\$2.85 value)

**5 All-American Lavender-Pink** Betty Orchid Helen Lavender Lady, Pink Princess Patricia Lehman 5 plants (one of each) for **\$2.50** (\$2.85 value)

**5 All-American Bronze** Beacon, Holiday Fiesta, Nokomis Kathleen Lehman 5 plants (one of each) for **\$2.75** (\$3.20 value)

**5 All-American Yellow** Charles Nye, Golden Hours Lee Powell Chiquita Ruthann Lehman 5 plants (one of each) for **\$2.65** (\$3.00 value)

**5 All-American Novelties** Golden Sunset, Magenta Spoon Hazelwood Moonbeams Mary Harrison 5 plants (one of each) for **\$2.65** (\$3.05 value)

**5 All-American Purple** Alert Cecelia Argonne, Joan Helen Myrtle Walgreen 5 plants (one of each) for **\$2.50** (\$2.80 value)

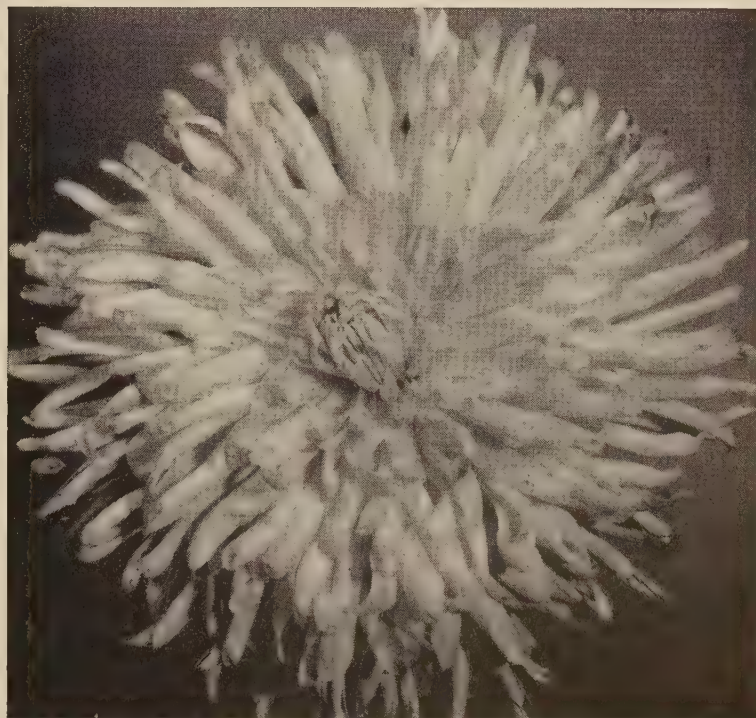
**SPECIAL OFFER!**

## 35 All-American Mums

(1 of each listed above)

**\$17.00**  
POSTPAID

LEE POWELL  
The Mum of the Year 1951





# Mum Culture and Care

## CULTURE

Hardy Garden Mums are among the easiest of all hardy plants to grow. They will tolerate almost endless neglect and still survive and give some bloom. To have them at their best, give them good culture, a sunny location, a rich soil, and do not let them suffer for want of moisture during the hot summer.

Mums in the garden should be planted in an open, sunny location and should not be shaded by buildings, large shrubs or trees for more than three or four hours per day. Any fairly rich soil, be it sandy, clay or loam, that will grow other flowers and vegetables well, will also grow good Mums. Peat moss, leaf mold or barnyard manure worked into the soil is an excellent conditioner and much to their liking.

## PLANTING

Spring is by far the best planting season. The proper planting time is when the spring garden work is well under way and the heavy, ice-freezing frosts are past. Planting can begin about the time early tulips begin to bloom and can be continued until peonies are in bloom. Here in southern Minnesota this would be from about late April until mid-June. Farther south this date would be advanced according to the climate. This gives the plants until fall to develop a good root system and enough top to give abundant bloom. Well-started plants grown in 2¼-inch pots and planted with a ball of earth around the roots are the most satisfactory. One-year-old, field-grown clumps seldom give satisfactory results, for they are hard to handle and there are usually not enough roots to support the many shoots that spring up. In replanting old clumps, always divide them into individual shoots. Those from the outside of the clump are the strongest and should be retained; discard the old stumpy center crown. Field-grown divisions packed with moss about the roots are often offered; these will usually grow but seldom give a good account of themselves.

## SUMMER CARE

Good culture during the summer, with regular loosening up of the soil about the plants to maintain a constant supply of moisture, to aerate the ground, and to keep weeds from becoming established, is all that is necessary to grow good Mums. One or two applications of a well-balanced commercial fertilizer are beneficial but not absolutely necessary. Roughly, about a small handful of commercial fertilizer per plant at about one-month intervals is sufficient. The first application can be made in late July or early August. This highly concentrated fertilizer should not be used when the soil is dry, because foliage and root burn will result. Be sure that plenty of moisture is available at time of application.

## WATERING

The best way to water Mums is to make a saucer-like depression about the plant, lay the hose on the ground, and let the water run slowly. The following day the soil can be loosened up and leveled again. A thorough watering like this should be sufficient for a week or ten days, even during the hottest and driest weather. Sprinkling the plants from overhead should be discouraged, for that invites foliage diseases. By keeping the foliage of Mums as dry as possible, spraying should not be necessary in order to grow a good crop of flowers.

## MUMS FOR YOUR WINDOW-BOX

When the first light frosts of fall have made your window-boxes unsightly by killing the tender plants in them, you can enjoy the full glory of Mums. These dreary-looking window-boxes can be transformed into a fairyland of color for two or three weeks by simply transplanting Mums from your garden into them. Select low, compact plants in full bud and bloom, dig them carefully and plant directly in the box.

## OUR SURE-TO-BLOOM PLANTS

We believe our sure-to-bloom plants, grown from virgin cuttings, well established in 2¼-inch pots and sent to you with a ball of good soil about the roots are the most practical and economical to buy. These will make fine blooming plants by October. We have hundreds of letters in our files from nearly every state in the country telling us how well our plants have done in all sections. Many of these plants were shipped over 2000 miles and still did remarkably well.

## PINCHING

To have sturdy and well-branched plants it is advisable to pinch the terminal shoots once or twice during the season. This operation is done with the thumb and forefinger and consists of removing about ½ inch of the soft growing tip of the main shoots. The first pinching should be done when the plants are about 6 inches tall, to induce lateral branches. When these lateral branches are 8 to 10 inches tall, their tips should be removed to induce more branches. Discontinue pinching by August 1, as the plants will soon be forming buds. The very early-blooming varieties should not be pinched after July 15. A well-pinched plant will not need staking or other support, since the growth will be strong and sturdy and will stand erect.

## WINTER PROTECTION

The purpose of winter protection is probably more to keep the cold in the ground than to keep it out. A favorable location, one which does not allow ice and water to stand over the plants, is very necessary. It is the alternate thawing and freezing that does the winter damage to garden Mums. After the tops have been killed by frost, the stems should be cut off 2 to 3 inches above the crown and burned to prevent the spread of foliage disease. We have found that any light, porous material that will remain more or less dry during the winter is ideal for covering. Excelsior, evergreen boughs, marsh hay, and cornstalks are very good if applied *after the ground is slightly frozen*. Leaves applied and kept dry with a waterproof covering will also make very fine covering.

## BLOOMING TIME

It has been definitely proved that Chrysanthemums are sensitive to light and that the length of day determines the blooming time for a given variety. Shading a late-blooming variety with black cloth for a few hours, both morning and evening, will hasten its normal blooming time by two or three weeks. Electric lights will retard its normal blooming period.

Since Minnesota is quite far north, where naturally the fall days are shorter than farther south, a given variety will normally bloom 20 days earlier here than in Texas. We are located approximately 200 miles north of Chicago, and we know that the same variety will begin blooming for us four or five days sooner than in Chicago. From this we deduct that perhaps two days for every 100 miles of latitude is about the average difference in blooming time. Interesting, isn't it?



## SPRAYING

We recommend a simple spray program in gardens that have a wide variety of plants, which naturally harbor insects and diseases. Mums, like many other plants, are subject to attack by aphids or plant lice. These are easily controlled by spraying with Nicotine Sulphate (Black-Leaf 40), which can be procured at any drug or department store.

One or two dustings during the summer with a 5 or 10 per cent DDT dust or spray will eliminate other insects that sometimes attack Mums, such as tarnished plant bug, leaf-hopper, leaf-rollers and the stalk borer. If you should have fungous trouble on the foliage, one or two sprayings with the new preparation called Fermate should keep your plants healthy.

In some parts of the East the foliar nematode has become very troublesome the past few seasons. Infected plants will lose their foliage, beginning at the bottom of the stalk, and by blooming time the entire plant may be defoliated. The dead leaves turn dark brown or black, become brittle and hang down along the stem. A half inch of tobacco dust mulch has been found effective in checking the spread of this pest.

Perhaps the best insurance against these pests and diseases is to be very critical of any newly acquired plant material. We have always prided ourselves on the health and vigor of our plants.

## SEEING IS BELIEVING

Over 30,000 flower-loving people visit our fields and Mum show each year. We maintain a constant display of more than 300 varieties of the better Mums from September to November in our greenhouses and in outside beds. The overwhelming majority of these people fell in love with the following varieties—therefore, we consider them the best in our gardens. 30,000 people can't be wrong!

### 20 LEADERS

<b>Avalanche</b>	<b>Lee Powell</b>
<b>Betty</b>	<b>Magenta Spoon</b>
<b>Carnival</b>	<b>Mary Harrison</b>
<b>Charles Nye</b>	<b>Myrtle Walgreen</b>
<b>Ermine</b>	<b>Nokomis</b>
<b>Golden Hours</b>	<b>Orchid Helen</b>
<b>Golden Gopher</b>	<b>Patricia Lehman</b>
<b>Golden Sunset</b>	<b>Remembrance</b>
<b>Hazelwood</b>	<b>Tribute</b>
<b>Kathleen Lehman</b>	<b>Yellow Avalanche</b>

## SPECIAL

**20 SURE-TO-BLOOM PLANTS** **\$12.50**  
(1 each of above)

## FROST RESISTANCE OF FLOWERS

In the past few years more attention has been paid to the damage done by frost to both buds and petals of different varieties. Some kinds—especially the white and lavender sorts—are damaged by the first light frosts, while others show no damage even when the temperature goes below freezing. Many varieties just keep right on blooming as though nothing had happened, while others are completely killed. We found the following varieties still in excellent condition in our fields on November 7 after four or five early freezes had spoiled most kinds:

<b>Allegro</b>	<b>Inspiration</b>
<b>Argonne</b>	<b>Kathleen Lehman</b>
<b>Beacon</b>	<b>Mary Harrison</b>
<b>Betty</b>	<b>Myrtle Walgreen</b>
<b>Courageous</b>	<b>Olive Longland</b>
<b>Cydonia</b>	<b>Pink Opal</b>
<b>Echoes</b>	<b>Pink Princess</b>
<b>Golden Gopher</b>	<b>Royal Robe</b>
<b>Hazelwood</b>	<b>Snowfall</b>
<b>Hero</b>	<b>Tussore</b>
<b>Holiday</b>	<b>White Bounty</b>
<b>Illuminator</b>	<b>Yellow Blanket</b>

### Frost-Resistant Collection

**24 SURE-TO-BLOOM PLANTS** **\$12.75**  
(1 each of above)

## KODACHROME SLIDES

We have a beautiful set of one hundred 35 M.M. or 2-inch kodachrome slides of individual flowers of Mums, garden and field scenes, window-box plantings and other pictures of Mums in full color. These are available without cost to Garden Clubs or other reliable groups for use as programs. There is a short descriptive reading with the slides. Showing time about one hour. Projector and screen to be furnished by the organization using the pictures.

If interested in using these slides, for an interesting evening on Mums write to

E. C. LEHMAN

—The Lehman Gardens, Faribault, Minnesota.

## THE A B C OF MUM CULTURE

- A — Apple-blossom time is the beginning of Mum planting time.
- B — Bonemeal is an excellent fertilizer for Mums.
- C — Cover with porous light material for winter.
- D — DDT 5% dust or spray will keep bugs off.
- E — Early varieties are not recommended for hot climates.
- F — Fall planting is not recommended in the North.
- G — Give Mums an ordinary good rich soil.
- H — Hardy Mums bloom from August to November.
- I — Ice over the crowns in winter will kill them.
- J — Join the National Chrysanthemum Society.
- K — Keep well watered during hot dry weather.
- L — Leaves are not good cover unless kept dry.
- M — Mums from Minnesota can't be beat.
- N — Nicotine sulphate (Black-Leaf 40) will kill aphids.
- O — Overhead watering is not recommended.
- P — Pinching keeps plants sturdy and low.
- Q — Quality will improve by cultivation.
- R — Remove all but a few buds to grow those large flowers.
- S — Shade will make plants grow taller and bloom much later.
- T — Transplant late varieties into pots before frost and enjoy them in the house.
- U — Use a tablespoonful of commercial fertilizer per plant to give plants a good start.
- V — Very close planting will make spindly plants. Eighteen inches apart each way is sufficient.
- W — Window-boxes are beautiful planted with Mums in fall.
- X — Plant only sure-to-bloom plants.
- Y — Young, vigorous, 2½-inch potted plants are best.
- Z — Zinc labels are permanent.

## Our Fall Mum Display

Everyone is cordially invited to our annual Fall Mum Show. Last season we had over 100,000 plants in our fields and well over 1,000,000 flowers. Here you can see growing side by side more than 500 varieties of Hardy Chrysanthemums. Many of these are seedlings—the Mums of Tomorrow—in the different stages of selection. Really, it is a beautiful sight to see. Our very first varieties begin to bloom about mid-August, and by early September a great many of the earlier kinds are in full bloom. Between September 15 and 25 is usually when the fields are at their best. During this time and until early November we maintain a display of most all varieties in our greenhouses. This alone is well worth seeing. If you can, come and enjoy the MUMS with us.



# INTRODUCING THE 1951 MODELS OF THE

## *Grand Champions*

(Chicago Strain)

# THE SPARKLING NEW

## MUMS OF TOMORROW

It is indeed a privilege and great pleasure to introduce to American gardens a listing of new Mums such as these extremely fine varieties. They have all been tested for winter hardiness, are free and early bloomers, have disease-resistant foliage and are of the highest quality.

### AZTEC GOLD (Kraus 583)

Clear lemon-yellow, fully double,  $3\frac{1}{2}$  inches across; compact, firm texture, slightly domed. Frost and rain resistant. Petals flat, overlapping. Individual flower stems 6 to 8 inches long, stiff and firm. Bush spreading, upright, 18 to 20 inches tall, not easily broken. Excellent for borders or cutting. Foliage abundant, dark gray-green. Early September to mid-October. 75c each, 3 for \$2.00.

### CHORALE (Kraus 1008)

Light phlox-pink lightening to very pale greenish yellow—nearly white—at the center. The entire flower becomes chalk-white with age but does not turn brown or purple. Flowers full, double, compact, slightly biscuit shaped, 2 inches in diameter. Individual flower stems slender, firm, wiry, 5 to 6 inches long. Flowers in many-branched, open clusters. Bush 2 to  $2\frac{1}{2}$  feet tall, densely branching, nearly obscured by hundreds of flowers. Foliage ample, gray-green. Early September to end of October. Very long season of bloom owing to tendency to produce added flowering stems from the soil level. 75c each, 3 for \$2.00.

### GOLDEN GOPHER (Kraus 639)

Deep cadmium-orange, lightening to buttercup-yellow at the outer ends of the older petals. Fully double, compact, firm, flattish flowers  $2\frac{1}{2}$  inches in diameter. Petals flat, overlapping, firm, frost resistant, withstanding prolonged rains. Individual flower stems 7 to 8 inches long, slender but stiff and wiry. Bush upright, spreading, about 2 feet tall, resistant to breakage. Foliage abundant, dark green. Very free flowering. Finally this variety provides a clear, clean, bright red-orange among the garden hardies. Mid-September to late October. 75c each, 3 for \$2.00.

### HOLIDAY (Kraus 743)

Bright bronze-gold with bronze center, fully double, 4 inches in diameter, firm, compact, slightly domed and crowned toward the center. Petals long, flat, closely overlapping, very resistant to frost and rain damage. Individual flower stems rather thick, firm, holding the heavy flowers gracefully upright, in open clusters of 3 to 5 at ends of long branches, giving each flower distinct individual character. Bush 2 feet tall, upright, slightly spreading, much branched. Leaves abundant, dark green. Last week of September through October. 75c each, 3 for \$2.00.

### LEE POWELL (Kraus 689)

Chinese-yellow toned orange-yellow at center, fully double,  $4\frac{1}{2}$  inches in diameter, compact but soft in texture, thick, flat topped. Petals long, rather narrow, more or less twisted but orderly in arrangement, rain resistant. Individual flower stems 7 to 9 inches long, rather slender but tough and wiry, holding the large flowers gracefully upright. Bush upright,  $2\frac{1}{2}$  feet tall, spreading, very free flowering, covered with masses of bloom. Foliage abundant, dark green. Last week in September to end of October. 75c each, 3 for \$2.00.

### MING (Kraus 634)

Clear Chinese-yellow, tangerine-orange at center. Completely double, compact, firm texture, resistant to frost, 4 inches in diameter. Petals broad, overlapping. Individual flower stems heavy, firm, 6 to 8 inches long, dark brown-red. Bush upright, free flowering slightly spreading, strong and sturdy, withstanding wind and rain without breaking. Foliage abundant, deep dark green. Third week in September to end of October, 75c each, 3 for \$2.00.

### NINA (Kraus 643)

Medium Persian-rose, suffused with an amber glow, slightly darker at center and in mature flowers. Fully double, thick but somewhat flattened, 3 inches in diameter. Petals flat, overlapping, a few folded back, slightly twisted and with waved margins, giving the flower a fluffy appearance but still maintaining purity of form. Frost and rain resistant. Individual flower stems 6 to 8 inches long, firm, gracefully upright. Flowers in open clusters of 8 to 10 at ends of long branches. Bush upright, slightly spreading, about 2 feet tall, resistant to breakage. Foliage abundant, deep dark green. Very free flowering. Especially valuable for cutting, the colors clear and delicate in artificial light. Mid-September to mid-October. 75c each, 3 for \$2.00.

### PINK OPAL (Kraus 434)

Pale Persian-rose lightening toward center to cream, overlaid with the same tint and extremely pale green. Coloring of unusual delicacy and refinement, distinct and clear. Fully double, compact, full, flattened, 4 inches in diameter. Petals flat, medium width, overlapping. Individual flower stems 6 to 8 inches long, firm and graceful. Flowers in open clusters at the end of 18-inch branches. Bush upright, spreading, free flowering. Foliage ample, dark green. Last week in September to near end of October. 75c each, 3 for \$2.00.

### ROYAL ROBE (Kraus 631)

Beetroot-purple with bluish sheen, distinctly blue reflections at center. Flower  $3\frac{1}{2}$  inches in diameter, firm, slightly domed. Petals flat, long, overlapping, reverse grayish blue, holding color well as they age, both frost and rain resistant. Individual flower stems erect, wiry, graceful, 5 to 9 inches long, often with smaller buds along the sides. Flowers in open clusters of 5 to 10, producing a great mass of bloom well distributed over the plants. Bush 2 to  $2\frac{1}{2}$  feet tall, upright, sturdy. Foliage abundant, dark green with slight grayish overcast. Middle of September to middle of October or later. 75c each, 3 for \$2.00.

### TALISMAN (Kraus) (Bud Sport of Rosita)

Soft apricot, overlaid lavender-rose toward margins, resembling the coloring of Talisman rose but brighter. Fully double,  $\frac{3}{4}$  inch across, a firm, slightly domed, quilled button pompon. Frost and rain resistant. Spreading, upright, much-branched growth. General habit like Rosita, of which it is a bud sport. End of September to November. Excellent for cutting or medium-height borders. 75c each, 3 for \$2.00.

*Special Offer:* 1 each of the 10 Grand Champions \$6.50





**MAROON 'N' GOLD.** 50c each; 3 for \$1.25



**AVALANCHE.** 50c each; 3 for \$1.25

**6**

**EARLY AUTUMN MUMS**

Our best group of very early-flowering Mums recommended for Minnesota and other northern regions.

**6 SURE-TO-BLOOM PLANTS \$2.90**  
(1 of each pictured)

**18 PLANTS . . . . . \$7.85**  
(3 of each)



**HARBINGER**  
50c each; 3 for \$1.25



**VIOLET.** 50c each; 3 for \$1.25



**GOLDEN HOURS.** 50c each; 3 for \$1.25



**ORCHID HELEN.** 60c each; 3 for \$1.50





**YELLOW AVALANCHE.** 50c each; 3 for \$1.25



**CHARM SPOON.** 50c each; 3 for \$1.25



**CYDONIA.** 50c each; 3 for \$1.25

### 6 CARNIVAL MUMS

All gay colors and dependable performers

6 Sure-to-Bloom Plants **\$2.75**

(1 of each pictured)

18 Plants (3 of each) . . **\$7.65**



**RED RIDINGHOOD.**  
50c each;  
3 for \$1.25



**CARNIVAL.** 75c each; 3 for \$2.00



**YELLOW BLANKET.** 50c each; 3 for \$1.25

**THE LEHMAN GARDENS**  
**FARIBAULT, MINNESOTA**